

5 Sub A 5
1. A method of operating an access system including an access server to provide access between a user system and a plurality of communication networks that provide services to a user, the method comprising:

5 receiving an alias selection from a user into the access server for a network shell that includes alias selections associated with actions; and
10 processing the alias selection to execute an action associated with the alias selection.

15 2. The method of claim 1 further comprising retrieving the network shell.

10 3. The method claim 2 wherein retrieving the network shell is from a user access profile.

15 4. The method of claim 1 further comprising scanning for the alias selection.

15 5. The method of claim 1 wherein the action comprises a program.

15 6. The method of claim 1 wherein the action comprises a macro.

15 7. The method of claim 1 wherein the action comprises a service.

20 8. A method of operating an access system including an access server to provide access between a user system and a plurality of communication networks that provide services to a user, the method comprising:

25 receiving a request to update a network shell that includes alias selections associated with actions;

valid;
processing the request to update the network shell to determine if the update is

valid;
retrieving the network shell in response to the determination that the update is valid; and

30 updating the network shell based on the request.

9. The method of claim 8 wherein retrieving the network shell is from a user access profile.

5 10. The method of claim 8 wherein updating the network shell is with an alias selection.

11. The method of claim 8 wherein updating the network shell is with an action.

12. The method of claim 8 wherein the action comprises a program.

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13. The method of claim 8 wherein the action comprises a macro.

14. The method of claim 8 wherein the action comprises a service.

15 15. An access system for providing access between a user system and a plurality of communication networks that provide services to a user, the access system comprising:
an access server connected to the user system and the plurality of communication networks and configured to receive an alias selection from a user into the access server for a network shell that includes alias selections associated with actions and process the
20 alias selection to execute an action associated with the alias selection; and
a database system connected to the access server.

16. The access system of claim 15 wherein the access server is configured to retrieve the network shell.

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17. The access system of claim 16 wherein the access server is configured to retrieve the network shell from a user access profile.

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18. The access system of claim 15 wherein the access server is configured to scan for the alias selection.

19. The access system of claim 15 wherein the action comprises a program.

20. The access system of claim 15 wherein the action comprises a macro.

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21. The access system of claim 15 wherein the action comprises a service.

22. An access system for providing access between a user system and a plurality of communication networks that provide services to a user, the access system comprising:

10 an access server connected to the user system and the plurality of communication networks and configured to transfer a request to update a network shell that includes alias selections associated with actions to a database system; and

15 the database system connected to the access server and configured to receive the request, process the request to update the network shell to determine if the update is valid, retrieve the network shell in response to the determination that the update is valid, and update the network shell based on the request.

23. The access system of claim 22 wherein the database system is configured to retrieve the network shell is from a user access profile.

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24. The access system of claim 22 wherein the database system is configured to update the network shell with an alias selection.

25 25. The access system of claim 22 wherein the database system is configured to update the network shell with an action.

26. The access system of claim 22 wherein the action comprises a program.

27. The access system of claim 22 wherein the action comprises a macro.

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28. The access system of claim 22 wherein the action comprises a service.

29. A software product for providing access between a user system and a plurality of communication networks that provide services to a user, the software product comprising:
5 access server software operational when executed by a processor to direct the processor to receive an alias selection from a user into the access server for a network shell that includes alias selections associated with actions and process the alias selection to execute an action associated with the alias selection; and
 a software storage medium operational to store the access server software.

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30. The software product of claim 29 wherein the access server software is operational when executed by the processor to direct the processor to retrieve the network shell.

15 31. The software product of claim 29 wherein the access server software is operational when executed by the processor to direct the processor to retrieve the network shell from a user access profile.

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32. The software product of claim 29 wherein the access server software is operational when executed by the processor to direct the processor to scan for the alias selection.

33. The software product of claim 29 wherein the action comprises a program.

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34. The software product of claim 29 wherein the action comprises a macro.

35. The software product of claim 29 wherein the action comprises a service.

36. A software product for providing access between a user system and a plurality of communication networks that provide services to a user, the software product comprising:
30 database software operational when executed by a processor to direct the processor to receive a request to update a network shell that includes alias selections

associated with actions, process the request to update the network shell to determine if the update is valid, retrieve the network shell in response to the determination that the update is valid, and update the network shell based on the request; and
a software storage medium operational to store the database software.

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37. The software product of claim 36 wherein the database software is operational when executed by the processor to direct the processor to retrieve the network shell is from a user access profile.

10 38. The software product of claim 36 wherein the database software is operational when executed by the processor to direct the processor to update the network shell with an alias selection.

15 39. The software product of claim 36 wherein the database software is operational when executed by the processor to direct the processor to update the network shell with an action.

40. The software product of claim 36 wherein the action comprises a program.

20 41. The software product of claim 36 wherein the action comprises a macro.

42. The software product of claim 36 wherein the action comprises a service.

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